

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Device for monitoring an air supply flow or a volumetric air flow, comprising

an approach-flow component adapted to be struck by an air flow that is to be monitored so as to produce a change in its position;

a holder on which the approach-flow component, is mounted but relative to which the approach-flow component can change its position against a retaining force F_M ;

magnet components adapted to produce a magnetic field dependent on the position of the approach-flow component, the force of said magnetic field forming at least part of the retaining force F_M ;

detection means a detector adapted to detect the magnetic field; and

measurement means a signal generator adapted to generate a measurement signal that depends on the strength of the magnetic field,

wherein the approach-flow component is provided with at least one counterweight so that it can be installed regardless of the force of gravity and of its position.

2. (Previously presented) Device according to Claim 1, wherein the magnet components comprise a permanent magnet.

3. (Previously presented) Device according to Claim 2, wherein the permanent magnet is attached to the approach-flow component.

4. (Previously presented) Device according to Claim 2, wherein the permanent magnet is fixedly attached to the holder and a magnetic element is attached to the approach-flow component.

5. (Previously presented) Device according to Claim 1, wherein the approach-flow component comprises a flap rotatably suspended in such a way that the air flow exerts a moment of torque on the flap, about its axis of suspension.

6. (Cancelled)

7. (Currently Amended) Device according to Claim 6 1, wherein the approach-flow component is eccentrically seated and a larger area portion of the approach-flow component is provided as said counterweight.

8. (Currently Amended) Device according to Claim 6 1, wherein the counterweight comprises at least parts of the magnet components.

9. (Previously presented) Device according to Claim 1, wherein the measurement means comprises a reed contact, which is disposed in a reed-contact switch.

10. (Previously presented) Device according to Claim 9, wherein the reed-contact switch is disposed in such a way that in the magnetic field it generates at least part of the retaining force F_M .

11. (Previously presented) Device according to Claim 1, wherein adjustment means are provided so that the retaining force F_M can be adjusted.

12. (Previously presented) Device according to Claim 11, wherein the adjustment means comprise additional magnetic elements that can be brought into the magnetic field.

13. (Previously presented) Device according to Claim 2 10, wherein the position of the reed-contact switch can be adjusted with respect to its distance from the permanent magnet in order to provide an adjustment means whereby the retaining force F_M can be adjusted.

14. (Currently Amended) Device according to Claim 11, wherein an effective area of the approach-flow component can be altered.

15. (Currently Amended) Device according to Claim 14, wherein the housing is constructed in such a way that the effective area of the approach-flow component can be altered by constructing the holder as a housing.

16. (Currently Amended) Device according to Claim 9, wherein the approach-flow component is mounted in such a way that it is in a resting state when the magnet component is retained by the retaining force F_M at the shortest distance to the reed-contact switch.

17. (Currently Amended) Device according to Claim 1, wherein the holder is constructed as a housing and the measurement means are disposed in the housing.